



#6

SEQUENCE LISTING

<110> Xiao, Zhi-Cheng

<120> Peptides, Antibodies Thereto, and Their
Use in the Treatment of Central Nervous System Damage

<130> 0380-P03063US1

<140> US 10/537,648

<141> 2005-06-06

<150> PCT/GB2003/005323

<151> 2003-12-05

<150> US 60/431,620

<151> 2002-12-06

<160> 35

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> From a phage library that displays random 7-mers

<400> 1

Tyr Leu Thr Gln Pro Gln Ser
1 5

<210> 2

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> From a phage library that displays random 7-mers

<400> 2

Gly Ser Leu Pro His Ser Leu
1 5

<210> 3

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> From a phage library that displays random 7-mers

<400> 3

Thr Gln Leu Phe Pro Pro Gln
1 5

<210> 4

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> From a phage library that displays random 7-mers

<400> 4
His Ser Ile Pro Asp Asn Ile
1 5

<210> 5
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> From a phage library that displays random 7-mers

<400> 5
His His Met Pro His Asp Lys
1 5

<210> 6
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> From a phage library that displays random 7-mers

<400> 6
Tyr Thr Thr Pro Pro Ser Pro
1 5

<210> 7
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> From a phage library that displays random 7-mers

<400> 7
Gln Leu Pro Leu Met Pro Arg
1 5

<210> 8
<211> 508
<212> PRT
<213> Rattus norvegicus

<400> 8
Met Ile Phe Leu Thr Thr Leu Pro Leu Phe Trp Ile Met Ile Ser Ala
1 5 10 15
Ser Arg Gly Gly His Trp Gly Ala Trp Met Pro Ser Ser Ile Ser Ala
20 25 30
Phe Glu Gly Thr Cys Val Ser Ile Pro Cys Arg Phe Asp Phe Pro Asp
35 40 45
Glu Leu Arg Pro Ala Val Val His Gly Val Trp Tyr Phe Asn Ser Pro
50 55 60
Tyr Pro Lys Asn Tyr Pro Pro Val Val Phe Lys Ser Arg Thr Gln Val
65 70 75 80
Val His Glu Ser Phe Gln Gly Arg Ser Arg Leu Leu Gly Asp Leu Gly
85 90 95
Leu Arg Asn Cys Thr Leu Leu Leu Ser Thr Leu Ser Pro Glu Leu Gly
100 105 110
Gly Lys Tyr Tyr Phe Arg Gly Asp Leu Gly Gly Tyr Asn Gln Tyr Thr
115 120 125
Phe Ser Glu His Ser Val Leu Asp Ile Ile Asn Thr Pro Asn Ile Val
130 135 140
Val Pro Pro Glu Val Val Ala Gly Thr Glu Val Glu Val Ser Cys Met
145 150 155 160
Val Pro Asp Asn Cys Pro Glu Leu Arg Pro Glu Leu Ser Trp Leu Gly

His	Glu	Gly	Leu	165	Glu	Pro	Thr	Val	170	Leu	Gly	Arg	Leu	175	Arg	Glu	Asp
			180	Val	Gln	Val	Ser	185	Leu	Leu	His	Phe	Val	190	Pro	Thr	Arg
Glu	Gly	Thr	Trp	195			200						205				
Glu	Ala	Asn	Gly	His	Arg	Leu	Gly	Cys	Gln	Ala	Ala	Phe	Pro	Asn	Thr		
	210					215					220						
Thr	Leu	Gln	Phe	Glu	Gly	Tyr	Ala	Ser	Leu	Asp	Val	Lys	Tyr	Pro	Pro		
225					230					235						240	
Val	Ile	Val	Glu	Met	Asn	Ser	Ser	Val	Glu	Ala	Ile	Glu	Gly	Ser	His		
				245					250					255			
Val	Ser	Leu	Leu	Cys	Gly	Ala	Asp	Ser	Asn	Pro	Pro	Pro	Leu	Leu	Thr		
			260					265					270				
Trp	Met	Arg	Asp	Gly	Met	Val	Leu	Arg	Glu	Ala	Val	Ala	Glu	Ser	Leu		
	275						280						285				
Tyr	Leu	Asp	Leu	Glu	Glu	Val	Thr	Pro	Ala	Glu	Asp	Gly	Ile	Tyr	Ala		
	290					295					300						
Cys	Leu	Ala	Glu	Asn	Ala	Tyr	Gly	Gln	Asp	Asn	Arg	Thr	Val	Glu	Leu		
305					310					315					320		
Ser	Val	Met	Tyr	Ala	Pro	Trp	Lys	Pro	Thr	Val	Asn	Gly	Thr	Val	Val		
				325					330					335			
Ala	Val	Glu	Gly	Glu	Thr	Val	Ser	Ile	Leu	Cys	Ser	Thr	Gln	Ser	Asn		
			340					345					350				
Pro	Asp	Pro	Ile	Leu	Thr	Ile	Phe	Lys	Glu	Lys	Gln	Ile	Leu	Ala	Thr		
	355						360					365					
Val	Ile	Tyr	Glu	Ser	Gln	Leu	Gln	Leu	Glu	Leu	Pro	Ala	Val	Thr	Pro		
	370					375					380						
Glu	Asp	Asp	Gly	Glu	Tyr	Trp	Cys	Val	Ala	Glu	Asn	Gln	Tyr	Gly	Gln		
385					390					395					400		
Arg	Ala	Thr	Ala	Phe	Asn	Leu	Ser	Val	Glu	Phe	Ala	Pro	Ile	Ile	Leu		
				405					410					415			
Leu	Glu	Ser	His	Cys	Ala	Ala	Ala	Arg	Asp	Thr	Val	Gln	Cys	Leu	Cys		
			420					425				430					
Val	Val	Lys	Ser	Asn	Pro	Glu	Pro	Ser	Val	Ala	Phe	Glu	Leu	Pro	Ser		
	435						440					445					
Arg	Asn	Val	Thr	Val	Asn	Glu	Thr	Glu	Arg	Glu	Phe	Val	Tyr	Ser	Glu		
	450					455					460						
Arg	Ser	Gly	Leu	Leu	Leu	Thr	Ser	Ile	Leu	Thr	Leu	Arg	Gly	Gln	Ala		
465					470					475					480		
Gln	Ala	Pro	Pro	Arg	Val	Ile	Cys	Thr	Ser	Arg	Asn	Leu	Tyr	Gly	Thr		
				485					490					495			
Gln	Ser	Leu	Glu	Leu	Pro	Phe	Gln	Gly	Ala	His	Arg						
			500					505									

<210> 9
 <211> 205
 <212> PRT
 <213> Homo sapiens

<400> 9
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 1 5 10 15
 Ile Glu Met Leu Glu Arg Glu Val Ser Val Leu Arg Asp Gln Cys Asn
 20 25 30
 Ala Asn Cys Cys Gln Glu Ser Ala Thr Gly Gln Leu Asp Tyr Ile
 35 40 45
 Pro His Cys Ser Gly His Gly Asn Phe Ser Phe Glu Ser Cys Gly Cys
 50 55 60
 Ile Cys Asn Glu Gly Trp Phe Gly Lys Asn Cys Ser Glu Pro Tyr Cys
 65 70 75 80
 Pro Leu Gly Cys Ser Ser Arg Gly Val Cys Val Asp Gly Gln Cys Ile
 85 90 95
 Cys Asp Ser Glu Tyr Ser Gly Asp Asp Cys Ser Glu Leu Arg Cys Pro
 100 105 110
 Thr Asp Cys Ser Ser Arg Gly Leu Cys Val Asp Gly Glu Cys Val Cys
 115 120 125
 Glu Glu Pro Tyr Thr Gly Glu Asp Cys Arg Glu Leu Arg Cys Pro Gly
 130 135 140
 Asp Cys Ser Gly Lys Gly Arg Cys Ala Asn Gly Thr Cys Leu Cys Glu
 145 150 155 160

Glu	Gly	Tyr	Val	Gly	Glu	Asp	Cys	Gly	Gln	Arg	Gln	Cys	Leu	Asn	Ala
				165					170					175	
Cys	Ser	Gly	Arg	Gly	Gln	Cys	Glu	Glu	Gly	Leu	Cys	Val	Cys	Glu	Glu
			180					185					190		
Gly	Tyr	Gln	Gly	Pro	Asp	Cys	Ser	Ala	Val	Ala	Pro	Pro			
	195						200					205			

<210> 10
 <211> 185
 <212> PRT
 <213> Homo sapiens

<400> 10															
Met	Glu	Asp	Leu	Asp	Gln	Ser	Pro	Leu	Val	Ser	Ser	Ser	Asp	Ser	Pro
1				5					10					15	
Pro	Arg	Pro	Gln	Pro	Ala	Phe	Lys	Tyr	Gln	Phe	Val	Arg	Glu	Pro	Glu
			20					25					30		
Asp	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Asp	Glu	Asp	Glu	Asp	
		35				40					45				
Leu	Glu	Glu	Leu	Glu	Val	Leu	Glu	Arg	Lys	Pro	Ala	Ala	Gly	Leu	Ser
	50				55						60				
Ala	Ala	Pro	Val	Pro	Thr	Ala	Pro	Ala	Ala	Gly	Ala	Pro	Leu	Met	Asp
65					70				75					80	
Phe	Gly	Asn	Asp	Phe	Val	Pro	Pro	Ala	Pro	Arg	Gly	Pro	Leu	Pro	Ala
			85					90					95		
Ala	Pro	Pro	Val	Ala	Pro	Glu	Arg	Gln	Pro	Ser	Trp	Asp	Pro	Ser	Pro
			100					105					110		
Val	Ser	Ser	Thr	Val	Pro	Ala	Pro	Ser	Pro	Leu	Ser	Ala	Ala	Ala	Val
		115					120					125			
Ser	Pro	Ser	Lys	Leu	Pro	Glu	Asp	Asp	Glu	Pro	Pro	Ala	Arg	Pro	Pro
	130					135					140				
Pro	Pro	Pro	Pro	Ala	Ser	Val	Ser	Pro	Gln	Ala	Glu	Pro	Val	Trp	Thr
145					150				155					160	
Pro	Pro	Ala	Pro	Ala	Pro	Ala	Ala	Pro	Pro	Ser	Thr	Pro	Ala	Ala	Pro
			165					170						175	
Lys	Arg	Arg	Gly	Ser	Ser	Gly	Ser	Val							
			180					185							

<210> 11
 <211> 66
 <212> PRT
 <213> Homo sapiens

<400> 11															
Arg	Ile	Tyr	Lys	Gly	Val	Ile	Gln	Ala	Ile	Gln	Lys	Ser	Asp	Glu	Gly
1				5					10					15	
His	Pro	Phe	Arg	Ala	Tyr	Leu	Glu	Ser	Glu	Val	Ala	Ile	Ser	Glu	Glu
			20					25					30		
Leu	Val	Gln	Lys	Tyr	Ser	Asn	Ser	Ala	Leu	Gly	His	Val	Asn	Cys	Thr
		35				40					45				
Ile	Lys	Glu	Leu	Arg	Arg	Leu	Phe	Leu	Val	Asp	Asp	Leu	Val	Asp	Ser
	50					55					60				
Leu	Lys														
65															

<210> 12
 <211> 973
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Fusion protein

<220>
 <221> VARIANT
 <222> (509)...(511)
 <223> Polyalanine linker

<220>
 <221> VARIANT
 <222> (717)...(719)
 <223> Polyalanine linker

<220>
 <221> VARIANT
 <222> (905)...(907)
 <223> Polyalanine linker

<400> 12
 Met Ile Phe Leu Thr Thr Leu Pro Leu Phe Trp Ile Met Ile Ser Ala
 1 5 10 15
 Ser Arg Gly Gly His Trp Gly Ala Trp Met Pro Ser Ser Ile Ser Ala
 20 25 30
 Phe Glu Gly Thr Cys Val Ser Ile Pro Cys Arg Phe Asp Phe Pro Asp
 35 40 45
 Glu Leu Arg Pro Ala Val Val His Gly Val Trp Tyr Phe Asn Ser Pro
 50 55 60
 Tyr Pro Lys Asn Tyr Pro Pro Val Val Phe Lys Ser Arg Thr Gln Val
 65 70 75 80
 Val His Glu Ser Phe Gln Gly Arg Ser Arg Leu Leu Gly Asp Leu Gly
 85 90 95
 Leu Arg Asn Cys Thr Leu Leu Leu Ser Thr Leu Ser Pro Glu Leu Gly
 100 105 110
 Gly Lys Tyr Tyr Phe Arg Gly Asp Leu Gly Gly Tyr Asn Gln Tyr Thr
 115 120 125
 Phe Ser Glu His Ser Val Leu Asp Ile Ile Asn Thr Pro Asn Ile Val
 130 135 140
 Val Pro Pro Glu Val Val Ala Gly Thr Glu Val Glu Val Ser Cys Met
 145 150 155 160
 Val Pro Asp Asn Cys Pro Glu Leu Arg Pro Glu Leu Ser Trp Leu Gly
 165 170 175
 His Glu Gly Leu Gly Glu Pro Thr Val Leu Gly Arg Leu Arg Glu Asp
 180 185 190
 Glu Gly Thr Trp Val Gln Val Ser Leu Leu His Phe Val Pro Thr Arg
 195 200 205
 Glu Ala Asn Gly His Arg Leu Gly Cys Gln Ala Ala Phe Pro Asn Thr
 210 215 220
 Thr Leu Gln Phe Glu Gly Tyr Ala Ser Leu Asp Val Lys Tyr Pro Pro
 225 230 235 240
 Val Ile Val Glu Met Asn Ser Ser Val Glu Ala Ile Glu Gly Ser His
 245 250 255
 Val Ser Leu Leu Cys Gly Ala Asp Ser Asn Pro Pro Pro Leu Leu Thr
 260 265 270
 Trp Met Arg Asp Gly Met Val Leu Arg Glu Ala Val Ala Glu Ser Leu
 275 280 285
 Tyr Leu Asp Leu Glu Glu Val Thr Pro Ala Glu Asp Gly Ile Tyr Ala
 290 295 300
 Cys Leu Ala Glu Asn Ala Tyr Gly Gln Asp Asn Arg Thr Val Glu Leu
 305 310 315 320
 Ser Val Met Tyr Ala Pro Trp Lys Pro Thr Val Asn Gly Thr Val Val
 325 330 335
 Ala Val Glu Gly Glu Thr Val Ser Ile Leu Cys Ser Thr Gln Ser Asn
 340 345 350
 Pro Asp Pro Ile Leu Thr Ile Phe Lys Glu Lys Gln Ile Leu Ala Thr
 355 360 365
 Val Ile Tyr Glu Ser Gln Leu Gln Leu Glu Leu Pro Ala Val Thr Pro
 370 375 380
 Glu Asp Asp Gly Glu Tyr Trp Cys Val Ala Glu Asn Gln Tyr Gly Gln
 385 390 395 400
 Arg Ala Thr Ala Phe Asn Leu Ser Val Glu Phe Ala Pro Ile Ile Leu
 405 410 415
 Leu Glu Ser His Cys Ala Ala Ala Arg Asp Thr Val Gln Cys Leu Cys
 420 425 430
 Val Val Lys Ser Asn Pro Glu Pro Ser Val Ala Phe Glu Leu Pro Ser
 435 440 445
 Arg Asn Val Thr Val Asn Glu Thr Glu Arg Glu Phe Val Tyr Ser Glu
 450 455 460
 Arg Ser Gly Leu Leu Leu Thr Ser Ile Leu Thr Leu Arg Gly Gln Ala
 465 470 475 480

Gln	Ala	Pro	Pro	Arg	Val	Ile	Cys	Thr	Ser	Arg	Asn	Leu	Tyr	Gly	Thr
				485					490					495	
Gln	Ser	Leu	Glu	Leu	Pro	Phe	Gln	Gly	Ala	His	Arg	Ala	Ala	Ala	Cys
			500					505					510		
Pro	Cys	Ala	Ser	Ser	Ala	Gln	Val	Leu	Gln	Glu	Leu	Leu	Ser	Arg	Ile
		515					520					525			
Glu	Met	Leu	Glu	Arg	Glu	Val	Ser	Val	Leu	Arg	Asp	Gln	Cys	Asn	Ala
	530					535					540				
Asn	Cys	Cys	Gln	Glu	Ser	Ala	Ala	Thr	Gly	Gln	Leu	Asp	Tyr	Ile	Pro
545					550					555					560
His	Cys	Ser	Gly	His	Gly	Asn	Phe	Ser	Phe	Glu	Ser	Cys	Gly	Cys	Ile
			565						570					575	
Cys	Asn	Glu	Gly	Trp	Phe	Gly	Lys	Asn	Cys	Ser	Glu	Pro	Tyr	Cys	Pro
		580						585					590		
Leu	Gly	Cys	Ser	Ser	Arg	Gly	Val	Cys	Val	Asp	Gly	Gln	Cys	Ile	Cys
		595					600					605			
Asp	Ser	Glu	Tyr	Ser	Gly	Asp	Asp	Cys	Ser	Glu	Leu	Arg	Cys	Pro	Thr
	610					615					620				
Asp	Cys	Ser	Ser	Arg	Gly	Leu	Cys	Val	Asp	Gly	Glu	Cys	Val	Cys	Glu
625					630					635					640
Glu	Pro	Tyr	Thr	Gly	Glu	Asp	Cys	Arg	Glu	Leu	Arg	Cys	Pro	Gly	Asp
				645					650					655	
Cys	Ser	Gly	Lys	Gly	Arg	Cys	Ala	Asn	Gly	Thr	Cys	Leu	Cys	Glu	Glu
		660						665					670		
Gly	Tyr	Val	Gly	Glu	Asp	Cys	Gly	Gln	Arg	Gln	Cys	Leu	Asn	Ala	Cys
		675					680					685			
Ser	Gly	Arg	Gly	Gln	Cys	Glu	Glu	Gly	Leu	Cys	Val	Cys	Glu	Glu	Gly
	690					695					700				
Tyr	Gln	Gly	Pro	Asp	Cys	Ser	Ala	Val	Ala	Pro	Pro	Ala	Ala	Ala	Met
705					710					715					720
Glu	Asp	Leu	Asp	Gln	Ser	Pro	Leu	Val	Ser	Ser	Ser	Asp	Ser	Pro	Pro
				725					730					735	
Arg	Pro	Gln	Pro	Ala	Phe	Lys	Tyr	Gln	Phe	Val	Arg	Glu	Pro	Glu	Asp
		740						745					750		
Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Glu	Asp	Glu	Asp	Glu	Asp	Leu
		755					760					765			
Glu	Glu	Leu	Glu	Val	Leu	Glu	Arg	Lys	Pro	Ala	Ala	Gly	Leu	Ser	Ala
	770					775						780			
Ala	Pro	Val	Pro	Thr	Ala	Pro	Ala	Ala	Gly	Ala	Pro	Leu	Met	Asp	Phe
785					790					795					800
Gly	Asn	Asp	Phe	Val	Pro	Pro	Ala	Pro	Arg	Gly	Pro	Leu	Pro	Ala	Ala
				805					810					815	
Pro	Pro	Val	Ala	Pro	Glu	Arg	Gln	Pro	Ser	Trp	Asp	Pro	Ser	Pro	Val
		820						825					830		
Ser	Ser	Thr	Val	Pro	Ala	Pro	Ser	Pro	Leu	Ser	Ala	Ala	Ala	Val	Ser
		835					840					845			
Pro	Ser	Lys	Leu	Pro	Glu	Asp	Asp	Glu	Pro	Pro	Ala	Arg	Pro	Pro	Pro
		850				855					860				
Pro	Pro	Pro	Ala	Ser	Val	Ser	Pro	Gln	Ala	Glu	Pro	Val	Trp	Thr	Pro
865					870					875					880
Pro	Ala	Pro	Ala	Pro	Ala	Ala	Pro	Pro	Ser	Thr	Pro	Ala	Ala	Pro	Lys
				885					890					895	
Arg	Arg	Gly	Ser	Ser	Gly	Ser	Val	Ala	Ala	Ala	Arg	Ile	Tyr	Lys	Gly
		900						905					910		
Val	Ile	Gln	Ala	Ile	Gln	Lys	Ser	Asp	Glu	Gly	His	Pro	Phe	Arg	Ala
		915					920					925			
Tyr	Leu	Glu	Ser	Glu	Val	Ala	Ile	Ser	Glu	Glu	Leu	Val	Gln	Lys	Tyr
	930					935					940				
Ser	Asn	Ser	Ala	Leu	Gly	His	Val	Asn	Cys	Thr	Ile	Lys	Glu	Leu	Arg
945					950					955					960
Arg	Leu	Phe	Leu	Val	Asp	Asp	Leu	Val	Asp	Ser	Leu	Lys			
				965					970						

<210> 13

<211> 1524

<212> DNA

<213> Rattus norvegicus

<400> 13

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ccctgccgtt	tgcattcccc	ggatgagctc	agaccggctg	tggtacatgg	cgtctgggat	180
ttcaacagtc	cctaccccaa	gaactaccgc	ccagtggtct	tcaagtcccg	cacacaagtg	240
gtccacgaga	gcttccaggg	ccgtagccgc	ctggtgggag	acctgggcct	acgaaactgc	300
accctgcttc	tcagcacgct	gagccctgag	ctggggaggga	aatactatct	ccgaggtgac	360
ctggggcggt	acaaccagta	caccttctcg	gagcacagcg	tcctggacat	catcaacacc	420
cccaacatcg	tggtgccccc	agaagtgggt	gcaggaacgg	aagtagagg	cagctgcatg	480
gtgccggaca	actgcccaga	gctgcccctt	gagctgagct	ggctgggcca	cgaggggcta	540
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gtgattgtgg	agatgaattc	ctctgtggag	gccattgagg	gctcccacgt	cagcctgtct	780
tgtggggctg	acagcaaccc	gccaccgctg	ctgacttgga	tcggggatgg	gatggtgttg	840
agggaggcag	ttgctgagag	cctgtacctg	gatctggagg	aggtgacccc	agcagaggac	900
ggcatctatg	cttgccctgg	agagaatgcc	tatggccagg	acaaccgcac	ggtggagctg	960
agcgtcatgt	atgcaccttg	gaagcccaca	gtgaatggga	cggtgggtgg	ggtagagggg	1020
gagacagtct	ccatcctgtg	ttccacacag	agcaaccgag	acctattctt	caccatcttc	1080
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tccgtggcct	ttgagctgcc	ttcccgcac	gtgactgtga	acgagacaga	gagggagttt	1380
gtgtactcag	agcgcagcgg	cctcctgtct	accagcatcc	tcacgctccg	gggtcaggcc	1440
caagccccac	ccgcgctcat	ttgtacctcc	aggaacctct	acggcaccca	gagcctcgag	1500
ctgcctttcc	agggagcaca	ccga				1524

<210> 14
 <211> 615
 <212> DNA
 <213> Homo sapiens

<400> 14						
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gccacaggac	aactggacta	tatccctcac	tgcatgggcc	acggcaactt	tagctttgag	180
tcctgtggct	gcatctgcaa	cgaaggctgg	tttggaaga	attgctcgga	gccctactgc	240
ccgctggggt	gctccagccg	gggggtgtgt	gtggatggcc	agtgcactct	tgacagcgaa	300
tacagcgggg	atgactgttc	cgaactccgg	tgcccaacag	actgcagctc	ccgggggctc	360
tgcgtggacg	gggagtgtgt	ctgtgaagag	ccctacactg	gcgaggactg	cagggaactg	420
aggtgccctg	gggactgttc	ggggaagggg	agatgtgcca	acggtaacctg	tttatgagag	480
gagggctacg	ttggtgagga	ctgcggccag	cggcagtgct	tgaatgcctg	cagtgggcga	540
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<210> 15
 <211> 555
 <212> DNA
 <213> Homo sapiens

<400> 15						
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gaagaggagg	acgaggacga	agacctggag	gagctggagg	tgctggagag	gaagcccggc	180
gccgggctgt	ccgcggcccc	agtgcaccac	gccccctgcc	ccggcgcgcc	cctgatggac	240
ttcggaatg	acttcgtgcc	gccggcgccc	cggggacccc	tgccggcgcc	ccccccgctc	300
gccccggagc	ggcagccgtc	ttgggacccg	agcccgggtg	cgtcgaccgt	gccccgcgca	360
ttcccgtgtg	ctgctgccgc	agtctcgccc	tccaagctcc	ctgaggacga	cgagcctccg	420
gccccgcctc	cccctcctcc	cccggccagc	gtgagccccc	aggcagagcc	cgtgtggacc	480
ccgccagccc	cggctcccgc	cgcgcccccc	tccaccccgg	ccgcgcccac	gcgcaggggc	540
tcctcgggct	cagtg					555

<210> 16
 <211> 198
 <212> DNA
 <213> Homo sapiens

<400> 16						
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ttagttgatt	ctctgaag					198

<210> 17
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer MAG1

 <400> 17
 cgggatccat gatattcctt accaccct 28

 <210> 18
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer MAG2

 <400> 18
 tccccgcggc tcggtgtgct ccctggaa 28

 <210> 19
 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer TNR1

 <400> 19
 tccccgcggc atgtccatgt gccagttca 29

 <210> 20
 <211> 28
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer TNR2

 <400> 20
 ttgcggccgc tggaggggca actgctga 28

 <210> 21
 <211> 32
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer NogoN1

 <400> 21
 ttgcggccgc aatggaagac ctggaccagt ct 32

 <210> 22
 <211> 31
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> PCR primer NogoN2

 <400> 22
 aaactgcagc cactgagccc gaggagcccc t 31

 <210> 23
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
<223> PCR primer Nogo66-1

<400> 23
aaactgcagc aaggatatac aagggtgt

28

<210> 24
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer Nogo66-2

<400> 24
gctctagatc acttcagaga atcaacta

28

<210> 25
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<212> DNA
<213> Artificial Sequence

<220>
<223> Construct resulting from sequentially connected
PCR products

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<210> 26
 <211> 42
 <212> DNA
 <213> M13 coliphage

<400> 26
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<210> 27
 <211> 33
 <212> DNA
 <213> M13 coliphage

<400> 27
 ggtggagggtt cggccgaaac tgttgaaagt tgt 33

<210> 28
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Exemplary 7-mer peptide-encoding sequence

<400> 28
 tatctgacgc agcctcagtc g 21

<210> 29
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Exemplary 7-mer peptide-encoding sequence

<400> 29
 ggttctctgc ctcattcgct g 21

<210> 30
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Exemplary 7-mer peptide-encoding sequence

<400> 30
 acgcagctgt ttcctcctta g 21

<210> 31
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 <212> DNA
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<220>
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<400> 31
 cattctattc ctgataatat t 21

<210> 32
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Exemplary 7-mer peptide-encoding sequence

<400> 32
catcatatgc ctcatgataa g 21

<210> 33
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Exemplary 7-mer peptide-encoding sequence

<400> 33
tatacgacgc ctccgagtcc t 21

<210> 34
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<212> DNA
<213> Artificial Sequence

<220>
<223> Exemplary 7-mer peptide-encoding sequence

<400> 34
cagcttccgc ttatgcctcg t 21

<210> 35
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<212> DNA
<213> Artificial Sequence

<220>
<223> Exemplary 7-mer peptide-encoding sequence

<400> 35
acgcagctgt ttctctctca g 21